

ABSTRACT OF THE DISCLOSURE

The thin film laminated with a single particle layer of the present invention includes: a support having a surface where a hydrophilic graft polymer chain is present; and a single particle layer composed of fine particles adhered to the support in the single particle state. This thin film laminated with a single particle layer can be produced by providing a particle-containing liquid or the like onto a support having a surface where a hydrophilic graft polymer chain is present; and allowing fine particles to two-dimensionally aggregate while controlling development thickness of the fine particle-containing liquid, thereby forming a single particle layer. The invention provides a high quality thin film laminated with a single particle layer composed of functional fine and provided on the surface, and its production method.